

Title (en)
FASTENER

Title (de)
VERSCHLUSS

Title (fr)
PIÈCE DE FIXATION

Publication
EP 2578109 A4 20150304 (EN)

Application
EP 11789945 A 20110530

Priority
• JP 2010138717 A 20100531
• JP 2011062862 W 20110530

Abstract (en)
[origin: EP2578109A1] Disclosed is a fastener with a more reliable Disengagement of a camp part, and improved operability then disengaging same. A clamp part comprises a base part (1) and an insert part (2). A button arm (11), a release button (12), and an upper hook receiver (13) are formed on the base part (1). A slide part (21), an engaging part (22), and an engaging hook (23) are formed on the insert part(2). A projection (15) is formed on the inner side of the upper end of the button arm (11). When the release button (12) is pressed, the projection (15) contacts an external incline face (25), a gap (5) is temporarily formed between the button arm (11) and a slide part (21).

IPC 8 full level
A44B 11/26 (2006.01); **A45F 5/02** (2006.01)

CPC (source: EP)
A44B 11/266 (2013.01); **A45F 5/02** (2013.01)

Citation (search report)
• [X] WO 2008139783 A1 20081120 - MAIKA CO LTD [JP], et al
• [X] GB 2293201 A 19960320 - NAT MOLDING CORP [US]
• [X] EP 0575079 A1 19931222 - YOSHIDA KOGYO KK [JP]
• See references of WO 2011152545A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2578109 A1 20130410; EP 2578109 A4 20150304; EP 2578109 B1 20180704; JP 6075757 B2 20170208; JP WO2011152545 A1 20130801; WO 2011152545 A1 20111208

DOCDB simple family (application)
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